

# INFORMATION DISCLOSURE CITATION

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PTO Form 1449

Attorney Docket No.  
024607-0022

Application No. 09/161,753

Applicants: Michael SUTHERLAND and Koyo YOKOY  
PAGE 1 of 7

Filing Date: September 29, 1998

Group Art Unit: Unassigned

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U.S. PATENT DOCUMENTS

Group 3700

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
<i>EB</i>	5,668,998	Sep. 16, 1997	Mason et al.	395	701	Apr. 26, 1995
<i>N</i>	5,671,353	Sep. 23, 1997	Tian et al.	395	185.01	Feb. 16, 1996
	5,740,428	Apr. 14, 1998	Mortimore et al.	395	615	Feb. 7, 1995
	5,583,758	Dec. 10, 1996	McIlroy et al.	395	202	Jun. 7, 1995
	5,590,648	Jan. 7, 1997	Mitchell et al.	128	630	Apr. 7, 1994
	5,077,666	Dec. 31, 1991	Brimm et al.	364	413.02	Aug. 24, 1990
	5,517,405	May 14, 1996	McAndrew et al.	364	401	Oct. 14, 1993
	5,471,382	Nov. 28, 1995	Tallman et al.	364	406	Jan. 10, 1994
	5,262,943	Nov. 16, 1993	Thibado et al.	364	413.01	Oct. 15, 1991
	4,315,309	Feb. 9, 1982	Robert D. Coli	364	200	Jun. 25, 1979
	4,727,589	Feb. 23, 1988	Hirose et al.	382	56	Oct. 9, 1986
	5,654,750	Aug. 5, 1997	Weil et al.	348	143	Feb. 23, 1995
	4,717,952	Jan. 5, 1988	Kohayakawa et al.	358	113	Jun. 6, 1986
	4,802,008	Jan. 31, 1989	Paul J. Walling	358	141	Feb. 9, 1987
	5,195,525	Mar. 23, 1993	Norbert J. Pelc	128	653.2	Nov. 26, 1990
	5,257,626	Nov. 2, 1993	Pelc et al.	128	653.2	Jul. 28, 1992
	5,318,026	Jun. 7, 1994	Norbert J. Pelc	128	653.2	Aug. 11, 1993
	5,361,763	Nov. 8, 1994	Kao et al.	128	653.2	Mar. 2, 1993
<i>EB</i>	5,697,885	Dec. 16, 1997	Konomura et al.	600	109	Feb. 2, 1995

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Document Number	Date	Country	Class	Sub Class	Translation YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner *ELENI MANIIS MERCADER*

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<i>EL</i>	5,701,904	Dec. 30, 1997	Simmons et al.	128	670	Jan. 11, 1996
<i>EL</i>	4,751,587	Jun. 14, 1988	Kiyotaka Asahina	358	335	Jun. 6, 1986
	5,327,231	Jul. 5, 1994	Krummey et al.	348	79	Apr. 30, 1992
	4,331,132	May 25, 1982	Shizuo Mukasa	128	6	Mar. 31, 1980
	5,134,373	Jul. 28, 1992	Tsuruno et al.	342	309	Jul. 10, 1991
	4,768,099	Aug. 30, 1988	Hachiro Mukai	358	257	Jun. 29, 1987
	4,817,050	Mar. 28, 1989	Komatsu et al.	364	900	Nov. 21, 1986
	5,001,569	Mar. 19, 1991	Masao Shigyo	358	296	May 31, 1990
	5,019,975	May 28, 1991	Hachiro Mukai	364	413.13	Apr. 25, 1989
	5,068,745	Nov. 26, 1991	Kazuo Shimura	358	403	Mar. 29, 1990
	5,267,153	Nov. 30, 1993	Shimura et al.	364	413.13	Apr. 12, 1991
	5,321,520	Jun. 14, 1994	Inga et al.	358	403	Jul. 20, 1992
	5,384,643	Jan. 24, 1995	Inga et al.	358	403	Mar. 4, 1994
<i>✓</i>	5,416,602	May 16, 1995	Inga et al.	358	403	May 31, 1994
<i>EL</i>	5,522,067	May 28, 1996	Alan J. Swire	395	600	Jun. 2, 1995
<i>EL</i>	5,724,582	Mar. 3, 1998	Pelanek et al.	395	620	May 27, 1994

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9/15	4,653,112	Mar. 24, 1987	Donald R. Ouimette	382	69	Feb. 5, 1985
9/15	4,764,870	Aug. 16, 1988	Marvin E. Haskin	364	415	Aug. 11, 1987
9/15	5,005,126	Apr. 2, 1991	Marvin E. Haskin	364	413.13	May 31, 1988
9/15	5,724,101	Mar. 3, 1998	Marvin E. Haskin	348	441	Feb. 7, 1991
9/15	5,276,805	Jan. 4, 1994	Akira Hamaguchi	395	164	May 30, 1990
9/15	5,446,709	Aug. 29, 1995	Hachiro Mukai	369	32	Dec. 23, 1993

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						YES	NO
9/15	33 41 418 C2	Jul. 28, 1988	Germany				X
9/15	0 258 976 B1	Jun. 8, 1994	Europe				
9/15	0 429 201 A2	May 29, 1991	Europe				
9/15	41 38 188 A1	May 19, 1993	Germany				X
9/15	WO 94/03010	Feb. 3, 1994	WIPO				
9/15	0 591 739 A3	Apr. 13, 1994	Europe				
9/15	0 684 565 A1	Nov. 29, 1995	Europe				
9/15	0 684 568 A1	Nov. 29, 1995	Europe				
9/15	0 684 567 A1	Nov. 29, 1995	Europe				
9/15	0684 566 A1	Nov. 29, 1995	Europe				

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## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	
						YES	NO
GAB	2-206871	Aug. 16, 1990	Japan (Abstract only)				
	2-263269	Oct. 26, 1990	Japan (Abstract only)				
	3-182967	Aug. 8, 1991	Japan (Abstract only)				
	3-174661	Jul. 29, 1991	Japan (Abstract only)				
	3-129474	Jun. 3, 1991	Japan (Abstract only)				
	5-028233	Feb. 5, 1993	Japan (Abstract only)				
	5-019980	Jan. 29, 1993	Japan (Abstract only)				
	5-012393	Jan. 22, 1993	Japan (Abstract only)				
	4-344574	Dec. 1, 1992	Japan (Abstract & Japanese Publication)				X
	4-340662	Nov. 27, 1992	Japan (Abstract only)				
GAB	4-253272	Sept. 9, 1992	Japan (Abstract & Japanese Publication)				X
	4-177473	Jun. 24, 1992	Japan (Abstract only)				
	4-052972	Feb. 20, 1992	Japan (Abstract only)				
	4-030263	Feb. 3, 1992	Japan (Abstract only)				
	6-251373	Sep. 9, 1994	Japan (Abstract only)				

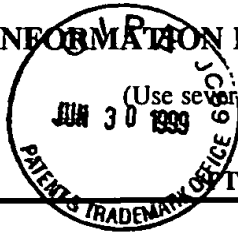
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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EEL	6-162156	Jun. 10, 1994	Japan (Abstract only)				
	6-131400	May 13, 1994	Japan (Abstract only)				
	5-324785	Dec. 7, 1993	Japan (Abstract only)				
	5-324207	Dec. 7, 1993	Japan (Abstract only)				
	5-260435	Oct. 8, 1993	Japan (Abstract only)				
	5-197769	Aug. 6, 1993	Japan (Abstract only)				
	5-159033	Jun. 25, 1993	Japan (Abstract only)				
	5-128167	May 25, 1993	Japan (Abstract only)				
	5-101105	Apr. 23, 1993	Japan (Abstract only)				
	5-056953	Mar. 9, 1993	Japan (Abstract only)				
	5-046716	Feb. 26, 1993	Japan (Abstract only)				
	5-035831	Feb. 12, 1993	Japan (Abstract only)				
	10-021365	Jan. 23, 1998	Japan (Abstract only)				
	9-325999	Dec. 16, 1997	Japan (Abstract & Japanese Publication)				X
	9-299336	Nov. 25, 1997	Japan (Abstract only)				
OK	9-265481	Oct. 7, 1997	Japan (Abstract only)				
	9-259250	Oct. 3, 1997	Japan (Abstract only)				
	9-160994	Jun. 20, 1997	Japan (Abstract only)				
	9-091879	Apr. 4, 1997	Japan (Abstract only)				

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Examiner

ELEN MANTIS MEECHER

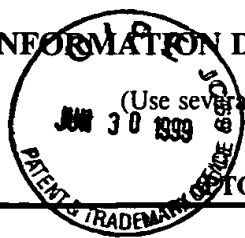
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	Document Number	Date	Country	Class	Sub Class	Translation YES NO	
<i>EB</i>	9-062743	Mar. 7, 1997	Japan (Abstract only)				
	8-331367	Dec. 13, 1996	Japan (Abstract only)				
	8-328918	Dec. 13, 1996	Japan (Abstract only)				
	8-315550	Nov. 29, 1996	Japan (Abstract only)				
	8-315549	Nov. 29, 1996	Japan (Abstract only)				
	8-272881	Oct. 18, 1996	Japan (Abstract only)				
	8-161410	Jun. 21, 1996	Japan (Abstract only)				
	8-147364	Jun. 7, 1996	Japan (Abstract only)				
	8-129507	May 21, 1996	Japan (Abstract only)				
	8-103445	Apr. 23, 1996	Japan (Abstract only)				
	8-044758	Feb. 16, 1996	Japan (Abstract only)				
	8-007087	Jan. 12, 1996	Japan (Abstract only)				
	7-327205	Dec. 12, 1995	Japan (Abstract only)				
	7-327196	Dec. 12, 1995	Japan (Abstract only)				
	7-320034	Dec. 8, 1995	Japan (Abstract only)				
<i>EB</i>	7-282159	Oct. 27, 1995	Japan (Abstract only)				

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## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	
						YES	NO
<i>ETD</i>	7-244699	Sep. 19, 1995	Japan (Abstract only)				
<i>↑</i>	7-194559	Aug. 1, 1995	Japan (Abstract only)				
	7-192006	Jul. 28, 1995	Japan (Abstract & Japanese Publication)				X
	7-182429	Jul. 21, 1995	Japan (Abstract & Japanese Publication)				X
	7-175905	Jul. 14, 1995	Japan (Abstract only)				
	7-152784	Jun. 16, 1995	Japan (Abstract & Japanese Publication)				X
	7-146811	Jun. 6, 1995	Japan (Abstract only)				
	6-314228	Nov. 8, 1994	Japan (Abstract only)				
	62-209670	Sep. 14, 1987	Japan (Abstract only)				
	10-042255	Feb. 13, 1998	Japan (Abstract only)				
	10-091710	Apr. 10, 1998	Japan (Abstract only)				
<i>↓</i>	10-134166		Japan (Abstract only)				
<i>GTO</i>	10-143415	May 29, 1998	Japan (Abstract only)				

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